

LINK CAPACITY ADJUSTMENT SCHEME

ABSTRACT

A system and method provides the capability to provision and setup an end-to-end circuit that does not require the performance of extra, manual management link addition/removal procedures after all facilities and VT/STS cross connections have been provisioned. A method of provisioning a circuit comprises the steps of provisioning an Ethernet port facility, including determining a members of a Link Capacity Adjustment Scheme Virtual Concatenation Group before virtual tributary or synchronous transport signal cross connections are provisioned and before Synchronous Optical Network or Synchronous Digital Hierarchy cross-connections are provisioned; provisioning virtual tributary or synchronous transport signal cross connections; and provisioning Synchronous Optical Network or Synchronous Digital Hierarchy cross-connections.